

**Bid No. 267645, Amendment 02, dated September 2, 2010**

(THERE IS NO AMENDMENT 01)

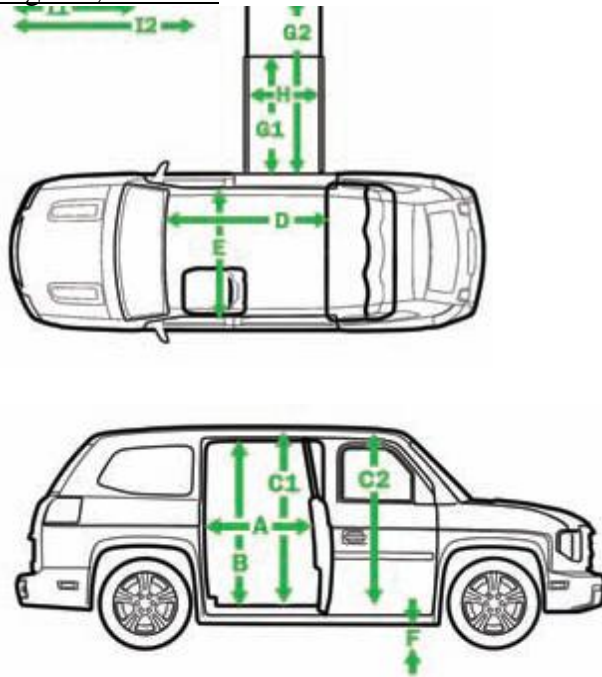
**Response to Requests for Approved Equals**

**Answers and Clarifications Regarding Human Service Vehicles**

*Note: The request for approved equals may also include requests previously made regarding these specifications and the responses to those requests.*

**Line Item 1-Specialized Transit Vehicle**

1. Page 37, Line 4: Request approval of 5" ground clearance when loaded with 1100 pounds or greater. Request Denied
2. Page 37, Line 4: Request approval of 5.5" ground clearance. Request approved
3. Page 37, Line 5: Request approval of 3.3 liter 175 HP flex fuel V6 Request Approved
4. Page 37, Line 6: Request approval of 6 speed Automatic transmission w/overdrive. Request Approved
5. Page 37, Line 14: Request approval of OEM 600 CCA battery with OEM 160 amp alternator. Request Denied
6. Page 37, Line 16: Request approval of P235/60R16 all season tread tires. Request Denied
7. Page 38, Line 23: Request approval of OEM keyless entry system with only the drivers door having an additional keyed lock. Approved so long that rear entry has a keyed lock and inside release.
8. Page 37, Line 27: Request approval of cloth drivers seats in lieu of vinyl. Request Approved
9. Page 39, Item 29: Request approval of folding foot rest for rear bench if seat height exceeds OEM distance. Request Denied.
10. Page 38, Line 30: Request approval for OEM AM/FM/CD radio. Request Approved
11. Page 43, Line 43: Clarification- Section 43 Mentions Floor Plan (see below)



### **Line Item 2-3 Mini Van & Lowered Floor Ramp Equipped Mini-Van**

1. Page 41, Item 3: Request approval for cloth drivers seats. Request Approved.
2. Page 41, Item 6: Request approval for 6 speed Automatic Transmission w/overdrive. Request Approved
3. Page 41, Item 5: Request to accept Dodge 3.3 Liter 175 HP flex fuel V6. Request approved.
4. Page 41, Item 15: Request to accept Dodge OEM 600 CCA battery with OEM 160 amp alternator. Request Denied.
5. Page 41, Item 15: Request to accept Chevy OEM 600 amp battery. Request Denied.
6. Page 41, Line 16: Request approval of P235/60R16 all season tread tires. Request Denied
7. Page 41, Item 21: Request approval for OEM AM/FM/CD radio. Request Approved
8. Page 41 Item 17: Request to accept P2225/65R16 and allow spare to be mounted underneath the van. Request Approved.
9. Page 41, Item 22: Request to accept Dodge OEM carpet in the driver's and front passenger areas. Clarification: OEM carpet acceptable in the driver's and front passenger areas. Rubber or vinyl floor mats remain a requirement.
10. Page 41 Item 22: Request to delete floor mats with "Altro" flooring. Request Approved for units with Altro flooring.
11. Page 41, Item 25: Request to accept Dodge OEM keyless entry system with only the driver's door having an additional keyed lock. Request Approved.
12. Page 41, Item 31 & 32: Request to accept Dodge Grand Caravan SE with OEM cloth stain repel fabric which is stain-resistant, odor-resistant, and anti-static. Request Denied.
13. Page 41, Item 32: Request to accept folding foot rests for rear bench seat if seat height exceeds OEM distance from the floor. Request Approved provided that footrest can support at least 300 lbs.
14. Page 41, Item 32: Clarification: Step down from seat cannot be greater than 12'.
15. Page 41, Item 33: Request to provide OEM AM/FM/CD player in lieu of specified AM/FM radio. Request Approved.
16. Page 42, Item 34: Request to accept Dodge maximum OEM gauge package available from chassis manufacture and lights in lieu of gauges only if gauges are not available from chassis manufacture. Request Approved.
17. Page 42, Item 42: Request to accept Braun 16" lowered floor as long as the minimum ground clearance is 5". Request Approved.

### **Line Item 4 - 7 Mini Bus**

1. Page 47, Item 5: Request to accept Ford 5 spd. HD automatic transmission w/ overdrive. Request Approved.
2. Page 47, Item 5: Request to accept 6 spd. HD automatic transmission w/ overdrive. Request Approved.
3. Page 47 Item 6: Request to accept Ford 155 amp OEM alternator with Gas Engine. Request Denied
4. Page 47, Item 9: Request to accept rear axle ratio of 4.10 on gas vehicle and 3.73 on diesel. Request Accepted, Specification modified to allow chassis manufacturer's standard rear axle ratio.

5. Page 47, Item 16: Request to accept Ford OEM alternator with gas engine. Request Approved for bid line item 00004 only.
6. Page 47, Item 16: Request to accept Ford 140 amp and 120 amp dual alternators on diesels, (total 260 amps) Request Approved.
7. Page 47, Item 17: Request to accept Ford OEM 650 & 750 CCA dual batteries. (1,400 CCA total) Request Approved.
8. Page 47, Item 17: Request to accept standard dual battery configuration with one battery located under hood and the second auxiliary battery in body compartment on stainless steel slide out tray. Ford diesel engine applications remain as specified. Request Approved.
9. Page 48, Item 21: Request to accept Jensen JHD 1620, AM/FM/Weather Band radio that meets or exceeds Ford's OEM radio specifications. Request Approved.
10. Page 48, Item 21: Request to accept standard OEM AM/FM CD Radio in lieu of the AM/FM radio Request Approved.
11. Page 48, Line 21: Request to accept an AM/FM radio installed by the bus manufacturer in lieu of OEM radio. Request Denied.
12. Page 48, Line 25: Request to accept interior headroom minimum of 72 ½'. Request Approved.
13. Page 48, Line 26: Request to approve 80" minimum interior width. Request Approved.
14. Page 48, Line 27: Request to approve 96" maximum exterior width. Request Denied.
15. Page 48, Line 27: Request to provide vehicle with overall exterior width of 95". Request Denied. Vehicle can have a maximum exterior width of 87 inches in this category.
16. Page 48, Line 27: Request to provide vehicle with overall exterior width of 93 ½'. Request Denied.
17. Page 49, Line 31: Request to accept Freedman driver's seat. Request Approved to accept a Freedman drivers seat which is equal to or better than the OEM seat.
18. Page 45, Item 33: Request to delete outside lock on rear door. Request Denied. Outside lock provides for additional access.
19. Page 49, Item 37: Request to delete requirement for slopping grab rails. Request Denied.
20. Page 49, Item 37: Request to provide the slopping grab rails both sides, as per the Medium Bus specifications. Request Approved. Clarification: With the electric entrance door there is no door rod. Handles should be conveniently placed to best enable passenger stair climb.
21. Page 49, Item 40: Request to provide machine-cut aisle and flooring with a sealed, no-gap seam and sealed wall/floor seam. Request Approved.
22. Page 49, Item 40: Request to accept Supreme Startrans Floor and Starcraft floor construction. Request Approved.
23. Page 49, Line 40: Request to accept Goshen Coach floor construction meeting insulation requirement using 5/8" plywood, sealed edges, seams filled & sanded smooth, heavy-duty undercoating. Request Approved.
24. Page 49, Item 40: Request to accept ElDorado floor construction. Request Approved.
25. Page 49, Item 40: Request to accept Coach and Equipment floor construction in lieu of aluminum strips and cove molding at wall. Request Approved
26. Page 49, Line 40: Request deletion of requirement for aluminum strip at seams on floor. Clarification: Must have no-gap seam to eliminate need for floor strips.
27. Page 49, Item 41: "First step to be approximately 10 ½" from the ground" is changed to read; "First step to be between 9 ½" to 12" from the ground"
28. Page 49, Item 45: Request to accept Startrans floor construction as meeting insulation requirement. Request Approved
29. Page 49, Item 45: Request to accept Collins, Starcraft floor construction as meeting insulation requirement (5/8" plywood with galvanized steel under floor covered with heavy-duty undercoating). Request Approved.

30. Page 49, Item 45: Request to accept ElDorado floor construction as meeting insulation requirements. Request Approved.
31. Page 49, Item 45: Request for 1.5" Polly-Styrene insulation in walls and 1.25" expandable spray foam in roof and floor. Request Approved.
32. Page 49, Item 45: Request to accept Coach and Equipment construction of 3/4" plywood over a metal belly pan with styrene for an R7 insulation value. Request Approved.
33. Page 49, Item 47: Request to accept Coach & Equipment vehicle rust proofing. Clarification: Rust proofing requires entire vehicle to provide 5-year, 100,000-mile rust-through warranty.
34. Page 50, Item 49: Request to provide manually reset circuit breakers in lieu of specified automatic resetting circuit breakers. Request Denied. If a serious problem exists, breakers will discontinue to trip and driver will be aware of problem.
35. Page 50, Item 52: Request to accept OEM front insert turn signal lamps. Request Approved.
36. Page 50, Item 53: Request to provide integral convex mirror. Request Approved as long as the mirror provides the required view and the convex portion does not reduce the flat reflective area of the mirror to less than 50 sq. in. Includes mirrors with flat and convex mirrors in same mirror head.
37. Page 50, Item 54: Clarification regarding protection required for body sides from mud and stones thrown from front wheels. Front mud flaps or stone shields are acceptable, as would be body chip plates covering the lower body panel. Only one method of said protection is required.
38. Page 50, Item 56: Request to provide Starcraft standard splash graphics in lieu of accent striping. Request Approved provided graphics reflective requirements are met.
39. Page 52, Line 56: Request to accept Goshen Coach standard 1" accent stripe above the window in lieu of 3" stripe. Request approved.
40. Request to provide 45,000 BTU hr. A/C unit in lieu of 48,000 BTU for the rear A/C. Request Approved. Clarification: regarding 48,000 BTU/hr. rating. Applies only to the rear air conditioning unit. The 48,000 BTU rated rear unit is an addition to the chassis manufacturer's standard front air conditioning unit.
41. Page 52, Para 60: Request to change minimum tread depth of 8". Request Denied.
42. Page 52, Item 1: Request to accept 30" width for wheelchair securement areas. Request Denied.
43. Page 52, Line 1b: Wheelchair restraints testing requirements. Clarification: All providers that meet restraint specification meet testing requirements as well.
44. Page 52, Para 2: Request to change inside door lock to outside door lock for lift door. Request Denied.
45. Page 52, Item 2: Request to allow 30" platform width. Request Approved.
46. Page 52, Item 1: Request that seat in stowed and locked position be permitted to protrude 12" from wall instead of specified 10". Request Approved.
47. Clarification: Fold-away seat to be equipped with "retractable seat belts". These belts are to be two-point retractable on these seats, not the three-point belts required on permanent seats. This clarification also covers the retractable seats on Lines 7 thru 16.

### **Line Item 8 Single Rear Axle Mini Bus**

1. Page 57 Request to accept dual rear instead of single rear. Request Denied
2. Page 57, Item 5: Request to accept Ford 5 spd. HD automatic transmission w/ overdrive. Request Approved.

3. Page 57, Item 5: Request to accept 6 spd. HD automatic transmission w/ overdrive. Request Approved.
4. Page 57, Item 9: Request to accept rear axle ratio of 4.10 on gas vehicle. Request Accepted, Specification modified to allow chassis manufacturer's standard rear axle ratio.
5. Page 57, Item 16: Request to accept Ford 155 amp OEM alternator with gas engine. Request Denied. Acceptable minimum is 160 amps or dual 110 amp alternators.
6. Page 57, Item 16: Request to accept 145 amp alternator with gas engine. Request Denied. Acceptable minimum is 160 amps or dual 110 amp alternators
7. Page 57, Item 17: Request to accept Ford OEM 650 & 750 CCA dual batteries. (1,400 CCA total) Request Approved.
8. Page 57, Item 17: Request to accept standard dual battery configuration with one battery located under hood and the second auxiliary battery in body compartment on stainless steel slide out tray. Request Approved.
9. Page 58, Item 25: Request to accept Jensen JHD 1620, AM/FM/Weather Band radio that meets or exceeds Ford's OEM radio specifications. Request Approved.
10. Page 58, Item 25: Request to accept standard OEM AM/FM CD Radio in lieu of the AM/FM radio Request Approved.
11. Page 58, Item 30: Clarification: Per FMVSS 225, all vehicles under 10,000 GVWR must have two seats with Child Restraint Snap Hooks.
12. Page 58, Item 31: Request to accept Freedman driver's seat. Request Approved to accept a Freedman drivers seat which is equal to or better than the OEM seat.
13. Page 58, Item 33: Request to delete outside lock on rear door. Request Denied. Outside lock provides for additional access.
14. Page 58, Item 37: Request to provide the slopping grab rails both sides, as per the Medium Bus specifications. Request Approved. Clarification: With the electric entrance door there is no door rod. Handles should be conveniently placed to best enable passenger stair climb.
15. Page 59, Item 40: Request to provide machine-cut aisle and flooring with a sealed, no-gap seam and sealed wall/floor seam. Request Approved.
16. Page 59, Item 40: Request to accept Supreme Startrans Candidate II Floor construction. Request Approved.
17. Page 59, Line 40: Request to accept ElDorado floor construction. Request Approved.
18. Page 59, Item 40: Request to accept Coach and Equipment floor construction in lieu of aluminum strips and cove molding at wall. Request Approved.
19. Page 59 Item 41: "First step to be approximately 10 ½" from the ground" is changed to read; "First step to be between 9 ½" to 12" from the ground"
20. Page 59, Item 45: Request to accept Startrans Candidate II floor construction as meeting insulation requirement. Request Approved
21. Page 59, Item 45: Request to accept Collins, Starcraft floor construction as meeting insulation requirement (5/8" plywood with galvanized steel under floor covered with heavy-duty undercoating). Request Approved.
22. Page 59, Line 45: Request to accept ElDorado floor construction as meeting insulation requirements. Request Approved.
23. Page 59, Item 45: Request to accept Coach and Equipment construction of ¾" plywood over a metal belly pan with styrene for an R7 insulation value. Request Approved.
24. Page 59, Line 45: Request to accept Turtle Top 1", # 1 density EPS polystyrene as meeting insulation requirements. Request Approved.
25. Page 59, Item 47: Request to accept Coach & Equipment vehicle rust proofing. Clarification: Rust proofing requires entire vehicle to provide 5-year, 100,000-mile rust-through warranty.

26. Page 60, Item 49: Request to provide manually reset circuit breakers in lieu of specified automatic resetting circuit breakers. Request Denied. If a serious problem exists, breakers will discontinue to trip and driver will be aware of problem
27. Page 60, Item 52: Request to accept OEM front insert turn signal lamps. Request Approved.
28. Page 60, Item 53: Request to provide integral convex mirror. Request Approved as long as the mirror provides the required view and the convex portion does not reduce the flat reflective area of the mirror to less than 50 sq. in. Includes mirrors with flat and convex mirrors in same mirror head.
29. Page 60, Item 54: Clarification regarding protection required for body sides from mud and stones thrown from front wheels. Front mud flaps or stone shields are acceptable, as would be body chip plates covering the lower body panel. Only one method of said protection is required.
30. Page 60, Item 56: Request 1" transit strip. Request Denied
31. Page 60, Item 60: Request to change minimum tread depth of 8". Request Denied.
32. Page 60, Item 1: Request to accept 30" width for wheelchair securement areas. Request Denied.
33. Page 60, Item 2: Request to change inside door lock to outside door lock for lift door. Request Denied.
34. Page 60, Item 2: Request to allow 30" platform width. Request Approved.
35. Page 63, Item 3-C: Request that seat in stowed and locked position be permitted to protrude 12" from wall instead of specified 10". Request Approved.
36. Clarification: Fold-away seat to be equipped with "retractable seat belts". These belts are to be two-point retractable on these seats, not the three-point belts required on permanent seats.

### **Line Item 9 Medium Lightweight Bus Diesel**

1. Page 64, Item 2: Request to accept wheelbase of 139". Request Denied
2. Page 64, Item 4: Request to accept 6.6L, V-8, 260 HP. Request Approved
3. Page 64, Item 5: Request to accept 6spd HD automatic transmission. Request Approved
4. Page 64, Item 17: Request to accept OEM dual 770 batteries. Request Approved
5. Page 64, Item 17: Request to accept main battery under the hood and auxiliary battery in the battery compartment. Request Denied
- Page 64, Item 19: Request to accept 7 tires LT225/75R. Request Denied
6. Page 65, Item 21: Request to accept Jensen JHD 1620, AM/FM/Weather Band radio that meets or exceeds Ford's OEM radio specifications. Request Approved
7. Page 65, Item 25: Request to remove Joint Strength Test requirement. Request Denied
8. Page 65, Item 28: Request to accept exterior width of 88". Request Denied
9. Page 65, Line 32: Request to accept Freedman driver's seat. Request Approved to accept a Freedman drivers seat which is equal to or better than the OEM seat.
10. Page 66, Item 40: Request to eliminate stanchion behind entrance door. Request Denied.
11. Page 66, Item 41: Request to provide machine-cut aisle and flooring with a sealed, no-gap seam and silicone sealed wall/floor seam. Request Approved
12. Page 66, Item 41: Request to accept Supreme Startrans floor construction as meeting insulation requirement. Request Approved
13. Page 66, Item 42: "First step to be approximately 10 1/2" from the ground" is changed to read; "First step to be between 9 1/2" to 12" from the ground"
14. Page 66, Item 53: Request to accept OEM front insert turn signal lamps. Request Approved
15. Page 66, Item 53: Request to accept OEM lamps, Request Approved
16. Page 67, Item 54: Request to provide integral convex mirror. Request Approved as long as the mirror provides the required view and the convex portion does not reduce the flat

reflective area of the mirror to less than 50 sq. in. Includes mirrors with flat and convex mirrors in same mirror head.

17. Page 68, Item 56: Request vinyl covered bumpers instead of chrome or stainless steel. Request Denied.
18. Page 68, Item 63: Request rear turn down exhaust. Request Denied
19. Page 68, Item 68 1a: Request to accept location of wheelchair positions forward facing in rear of bus. Request Denied
20. Page 70, Item 69:2 Request to change inside door lock to outside door lock for lift door. Request Denied.
21. Page 70, Item 2: Request to provide single panel wheelchair entry door in lieu of specified two separate entry doors. Request Approved.
22. Page 70, Item 70 3c Request to accept 2 forward facing single flip seats on the rear wall in lieu of the 3 2 passenger foldaways behind the driver. Request Denied
23. Clarification: Floor plan seats: 8 ambulatory, two wheelchair or 14 ambulatory, no wheelchair

### **Line Item 10 Medium Bus - Not Originally Built as a School Bus**

24. Page 72, Line 1: Request to accept lower horsepower E-85 engine. Clarification: E-85 preferred but not required, must meet HP requirements.
25. Page 72, Item 2: Request to accept Ford 5 spd. HD automatic transmission w/ overdrive. Request Approved.
26. Page 72, Item 12: Request to accept Ford OEM alternator with gas engine. Request Denied. Acceptable minimum is 160 amps or dual 110 amp alternators.
27. Page 72, Item 13: Request to provide dual batteries with 1375 total CCA in lieu of specified dual batteries with 690 CCA each for gas engine vehicles. Request Approved.
28. Page 72, Item 13: Request to provide dual batteries with 1400 total CCA in lieu of specified dual batteries with 690 CCA each for gas engine vehicles. Request Approved.
29. Page 72, Item 13: Request to approve dual 650 CCA batteries in lieu of specified dual batteries with 690 CCA each for gas engine. Request Denied.
30. Page 72, Item 13: Request to accept main battery under the hood and auxiliary battery in the battery compartment. Request Denied
31. Page 72, Item 22: Request to accept head room of 74". Request Approved
32. Page 72, Line 28: Request to accept Freedman driver's seat. Request Approved to accept a Freedman drivers seat which is equal to or better than the OEM seat.
33. Page 72, Item 30: Request to use decal with arrows and instructions for use of emergency door in lieu of painted arrows. Request Approved.
34. Page 72, Item 36: Request to provide machine-cut aisle and flooring with a sealed, no-gap seam and silicone sealed wall/floor seam. Request Approved.
35. Page 72, Line 36: Request to accept Goshen Coach floor construction meeting insulation requirement using 5/8" plywood, sealed edges, seams filled & sanded smooth, heavy-duty undercoating. Request Approved.
36. Page 72, Line 36: Request to accept ElDorado floor construction. Request Approved.
37. Page 72, Item 36: Request to accept Coach and Equipment floor construction in lieu of aluminum strips and cove molding at wall. Request Approved.
38. Page 72, Line 36: Request deletion of requirement for aluminum strip at seams on floor. Clarification: Must have no-gap seam to eliminate need for floor strips.
39. Page 73, Item 37: "First step to be approximately 10 1/2" from the ground" is changed to read; "First step to be between 9 1/2" to 12" from the ground"

40. Page 73 Item 40: Request to accept Starcraft floor construction as meeting insulation requirement (5/8" plywood with steel under floor covered with heavy-duty undercoating). Request Approved.
41. Page 73 Item 40: Request to accept Supreme Startrans floor construction as meeting insulation requirement. Request Approved
42. Page 73 Item 40: Request to accept Collins, Starcraft floor construction as meeting insulation requirement (5/8" plywood with galvanized steel under floor covered with heavy-duty undercoating). Request Approved.
43. Page 73, Line 40: Request to accept ElDorado floor construction as meeting insulation requirements. Request Approved.
44. Page 73, Line 40: Request for 1.5" Polly-Styrene insulation in walls and 1.25" expandable spray foam in roof and floor. Request Approved.
45. Page 73, Item 40: Request to accept Coach and Equipment construction of 3/4" plywood over a metal belly pan with styrene for an R7 insulation value. Request Approved
46. Page 73, Item 43: Request to provide manually reset circuit breakers in lieu of specified automatic resetting circuit breakers. Request Denied. If a serious problem exists, breakers will discontinue to trip and driver will be aware of problem.
47. Page 73, Item 46: Request to accept OEM front insert turn signal lamps. Request Approved.
48. Page 73, Item 48: Request to provide integral convex mirror. Request Approved as long as the mirror provides the required view and the convex portion does not reduce the flat reflective area of the mirror to less than 50 sq. in. Includes mirrors with flat and convex mirrors in same mirror head.
49. Page 73, Line 48: Request to accept 6" X 16" inside rear view mirror. Request Denied.
50. Page 73, Item 51: Request to accept Coach & Equipment vehicle rust proofing.  
Clarification: Rust proofing requires entire vehicle to provide 5-year, 100,000-mile rust-through warranty.
51. Page 74, Item 54: Request to provide Starcraft standard splash graphics in lieu of accent striping. Request Approved provided graphics reflective requirements are met.
52. Page 74, Item 57: Request to accept Jensen JHD 1620, AM/FM/Weather Band radio that meets or exceeds Ford's OEM radio specifications. Request Approved.
53. Page 74, Item 57: Request to accept standard OEM AM/FM CD Radio in lieu of the AM/FM radio Request Approved.
54. Page 74, Line 60: Request to provide 60,000 BTU hr. A/C unit in lieu of 65,000 BTU for the rear A/C. Request Approved. Clarification: regarding 65,000 BTU/hr. rating. Applies only to the rear air conditioning unit. The 65,000 BTU rated rear unit is an addition to the chassis manufacturer's standard front air conditioning unit.
55. Page 75, Item 64: Request to accept 30" width for wheelchair securement areas. Request Denied.
56. Page 75, Line 64b: Wheelchair restraints testing requirements. Clarification: All providers that meet restraint specification meet testing requirements as well.
57. Page 76, Line 64c: Request that seat in stowed and locked position be permitted to protrude 12" from wall instead of specified 10". Request Approved.
58. Page 76, Line 64c: Request that seat in stowed and locked position be permitted to protrude 12 5/8" from wall instead of specified 10". Request Approved.
59. Page 76, Para 1: Request to change inside door lock to outside door lock for lift door. Request Denied.
60. Clarification: Fold-away seat to be equipped with "retractable seat belts". These belts are to be two-point retractable on these seats, not the three-point belts required on permanent seats.



**Line Item 11,12,13,14 - Medium Bus With Fiberglass Body - Not Originally Built as a School Bus**

1. Page 78, Item 1: Request to accept Ford 5.4 liter V8, 255 HP gas flex fuel engine on Gas Electric Hybrid. Request Approved.
2. Page 78, Line 1: Request to accept lower horsepower E-85 gas engine. Clarification: E-85 preferred but not required, must meet HP requirements.
3. Page 78, Item 2: Request to accept Ford 5 spd. HD automatic transmission w/ overdrive. Request Approved.
4. Page 78, Item 6: Request to accept Ford E450, 154"WB on Gas Electric Hybrid only. Request Approved.
5. Page 78, Item 12: Request to accept Ford OEM 155 amp alternator on Gas Electric Hybrid. Request Denied
6. Page 78, Item 12: Request to accept Ford OEM 155 amp alternator with Gas Engine. Request Denied
7. Page 78, Item 12: Request to accept Ford 140 amp and 120 amp (total 260 amps) dual alternators on diesels. Request Approved.
8. Page 78, Item 13: Request to provide dual batteries with 1375 total CCA in lieu of specified dual batteries with 690 CCA each for gas engine vehicles. Request Approved. Request to provide dual batteries with 1400 total CCA in lieu of specified dual batteries with 690 CCA each for gas engine vehicles. Request Approved. Request to provide Ford OEM E450 cutaway chassis standard batteries in lieu of specified 690 CCA. Request approved for gasoline engine vehicles only.
9. Page 78, Item 13: Request to provide dual 750 CCA batteries for diesel engine vehicles. Request Approved.
10. Page 78, Line 13: Request to accept main battery under the hood and auxiliary battery in the battery compartment. Request Denied.
11. Page 78, Line 21: Request to waive FMVSS 221 Joint Strength Test due to unavailability. Request Denied.
12. Page 78, Line 27: Request to accept 10 passenger 3point forward facing seats. Clarification: 12/2 configurations are expected unless the GVWR would be exceeded. See specification page 26 paragraph 13.
13. Page 79, Item 28: Request to accept Freedman driver's seat. Request Approved to accept a Freedman drivers seat which is equal to or better than the OEM seat.
14. Page 79, Item 30: Request to use decal with arrows and instructions for use of emergency door in lieu of painted arrows. Request Approved
15. Page 80, Line 36: Request to accept 5 piece body construction. Request Denied
16. Page 80, Line 36: Request to accept IC Fiberglass skin construction. Request Denied. Insufficient evaluation data provided.
17. Page 80, Line 36: Request to accept IC Steel skin construction. Request Denied
18. Page 80, Item 36: Request to accept Starcraft Startrans Fiberglass exterior construction. Request Approved.
19. Page 80, Line 36: Request to approve fiberglass reinforced polyester (FRP) type panel construction. Request Approved.
20. Page 80, Item 37: Request to accept Coach and Equipment floor construction in lieu of aluminum strips and cove molding at wall. Request Approved.
21. Page 80, Item 37: Request to accept Supreme Startrans FRP floor construction. Request Approved.
22. Page 80, Line 37: Request to accept Goshen Coach floor construction meeting insulation requirement. Request Approved.

23. Page 80, Line 37: Request to accept Diamond floor construction as meeting insulation requirement. Request Approved.
24. Page 80, Line 37: Request to accept IC floor construction meeting insulation requirement. Request Approved.
25. Page 80, Line 37: Request to accept ElDorado floor construction. Request Approved.
26. Page 80, Item 38: "First step to be approximately 10 ½" from the ground" is changed to read; "First step to be between 9 ½" to 12" from the ground"
27. Page 80, Item 38: Clarification, stepwells to be constructed of stainless steal.
28. Page 80, Item 41: Request to accept Supreme Startrans build specification as meeting insulation requirement. Request Approved. Request Approved.
29. Page 80, Line 41: Request to accept ElDorado floor construction as meeting insulation requirements. Request Approved.
30. Page 80, Line 41: Request for 1.5" Polly-Styrene insulation in walls and 1.25" expandable spray foam in roof and floor. Request Approved.
31. Page 80, Item 41: Request to accept Coach and Equipment construction of ¾" plywood over a metal belly pan with styrene for an R7 insulation value. Request Approved
32. Page 80, Item 44: Request to provide manually reset circuit breakers in lieu of specified automatic resetting circuit breakers. Request Denied. If a serious problem exists, breakers will discontinue to trip and driver will be aware of problem.
33. Page 80, Item 48: Request to accept Ford OEM tinted windshield. Request Approved.
34. Page 80, Item 49: Request to provide integral convex mirror. Request Approved as long as the mirror provides the required view and the convex portion does not reduce the flat reflective area of the mirror to less than 50 sq. in. Includes mirrors with flat and convex mirrors in same mirror head.
35. Page 80, Line 49: Request to accept 6" X 16" inside rear view mirror. Request Denied.
36. Page 80, Item 52: Request to accept Coach & Equipment vehicle rust proofing. Clarification: Rust proofing requires entire vehicle to provide 5-year, 100,000-mile rust-through warranty.
37. Page 81 Item 57: Request to accept Jensen JHD 1620, AM/FM/Weather Band radio that meets or exceeds Ford's OEM radio specifications. Request Approved.
38. Page 81, Item 57: Request to accept standard OEM AM/FM CD Radio in lieu of the AM/FM radio Request Approved.
39. Page 81, Line 58: Request to provide 60,000 BTU hr. A/C unit in lieu of 65,000 BTU for the rear A/C. Request Approved. Clarification: regarding 65,000 BTU/hr. rating. Applies only to the rear air conditioning unit. The 65,000 BTU rated rear unit is an addition to the chassis manufacturer's standard front air conditioning unit.
40. Page 81, Line 64: Request to accept (1) fold-away seat in place of wheelchairs due to weight restriction on GVWR. Hybrid package adds approximately 1200 lbs to the vehicle. Clarification: All fold-aways are expected unless the GVWR would be exceeded. See specification page 26 paragraph 13.
41. Page 82, Item 64: Request to accept 30" width for wheelchair securement areas. Request Denied.
42. Page 83, Line 64b: Wheelchair restraints testing requirements. Clarification: All providers that meet restraint specification meet testing requirements as well.
43. Page 83, Line 64c: Request that seat in stowed and locked position be permitted to protrude 12" from wall instead of specified 10". Request Approved.
44. Page 84: Request for VTM hybrid drive system as alternative to specified system. Request Denied
45. Clarification: Fold-away seat to be equipped with "retractable seat belts". These belts are to be two-point retractable on these seats, not the three-point belts required on permanent seats.

## **Line Item 15 - Large Bus not Originally Built as School Bus**

1. Page 87, Item 1: Clarification: Specs read- Engine, Diesel, 200 gross horsepower (minimum), 400 gross ft-lb torque (minimum), 6 cylinder (minimum). High idle solenoid, to include necessary equipment to assure minimum coolant temperature of 195 degrees F under normal operating conditions.
2. Page 87, Item 10: Request to accept air suspension. Request Denied.
3. Page 87, Item 13: Request to accept GM dual 150 amp alternators. Request Approved.
4. Page 87, Item 14: Request to accept GM OEM dual 700 CCA in GM OEM tray.  
Clarification: Batteries must be in trays as specified, 1400 CCA acceptable.
5. Page 87, Item 18: Request to accept 40 gallon tank. Request Approved so long as Fuel Tank, conforms with FMVSS 301 and ICC fuel tank regulations.
6. Page 87, Item 29: Request to accept OEM driver's seat or Recaro LXS which is equal to or better than the OEM seat. Request Approved In Part. No cushion depth adjustment will be required. However, up and down adjustment for driver's seat is required for the Large Bus.
7. Page 87, Line 31: Request to accept emergency door decals with arrows and instructions in lieu of painted arrows. Request Accepted.
8. Page 87, Item 37: Request to provide machine-cut aisle and flooring with a sealed, no-gap seam and sealed wall/floor seam. Request Approved.
9. Page 87, Item 37: Request to accept Supreme Startrans floor construction as meeting insulation requirement. Request Approved.
10. Page 87, Line 37: Request to accept Goshen Coach floor construction meeting insulation requirement using 5/8" plywood, sealed edges, seams filled & sanded smooth, heavy-duty undercoating. Request Approved.
11. Page 87, Line 37: Request deletion of requirement for aluminum strip at seams on floor.  
Clarification: Must have no-gap seam to eliminate need for floor strips.
12. Page 88, Line 37: Request to accept ElDorado floor construction. Request Approved.
13. Page 88, Item 37: Request to accept Coach and Equipment floor construction in lieu of aluminum strips and cove molding at wall. Request Approved.
14. Page 88, Line 38: "First step to be approximately 10 1/2" from the ground" is changed to read; "First step to be between 9 1/2" to 12" from the ground"
15. Page 88, Line 41: Request for 1.5" Polly-Styrene insulation in walls and 1.25" expandable spray foam in roof and floor. Request Approved.
16. Page 88, Item 41: Request to accept Supreme Startrans floor construction as meeting insulation requirement. Request Approved.
17. Page 88, Item 41: Request to accept Collins, Starcraft floor construction as meeting insulation requirement (5/8" plywood with galvanized steel under floor covered with heavy-duty undercoating). Request Approved.
18. Page 88, Line 41: Request to accept ElDorado floor construction as meeting insulation requirements. Request Approved.
19. Page 88, Item 41: Request to accept Coach and Equipment construction of 3/4" plywood over a metal belly pan with styrene for an R7 insulation value. Request Approved.
20. Page 88, Item 44: Request to provide manually reset circuit breakers in lieu of specified automatic resetting circuit breakers. Request Denied. If a serious problem exists, breakers will discontinue to trip and driver will be aware of problem.
21. Page 88, Item 47: Request to accept OEM front insert turn signal lamps. Request Approved.
22. Page 89, Item 48: Request to provide integral convex mirror. Heated and Remote and manually telescoping. Request Approved as long as the mirror provides the required view

and the convex portion does not reduce the flat reflective area of the mirror to less than 50 sq. in. Includes mirrors with flat and convex mirrors in same mirror head.

23. Page 89, Line 48: Request to accept 6" X 16" inside rear view mirror. Request Denied.
24. Page 89, Item 51: Request to accept Coach & Equipment vehicle rust proofing. Clarification: Rust proofing requires entire vehicle to provide 5-year, 100,000-mile rust-through warranty.
25. Page 89, Item 54: Request to provide Starcraft standard splash graphics in lieu of accent striping. Request Approved provided graphics reflective requirements are met.
26. Page 90, Item 58: Request to accept an AM/FM radio installed by the bus manufacturer in lieu of OEM radio. Request Denied.
27. Page 90, Item 58: Request to accept Jensen JHD 1620, AM/FM/Weather Band radio that meets or exceeds Ford's OEM radio specifications. Request Approved.
28. Page 90, Item 62: Request to accept 30" width for wheelchair securement areas. Request Denied.
29. Page 90, Line 62b: Wheelchair restraints testing requirements. Clarification: All providers that meet restraint specification meet testing requirements as well.
30. Page 91, Para 62(c): Request that seat in stowed and locked position be permitted to protrude 12" from wall instead of specified 10". Request Approved.
31. Page 91, 63Para 1: Request to change inside door lock to outside door lock for lift door. Request Denied.
32. Clarification: Fold-away seat to be equipped with "retractable seat belts". These belts are to be two-point retractable on these seats, not the three-point belts required on permanent seats.

#### **Line Item 16 & 17 Large Bus – Fiberglass body**

1. Page 94, Item 13: Request to accept GM dual 150 amp alternators. Request Approved.
2. Page 94, Item 14: Request to accept GM OEM dual 700 CCA in GM OEM tray. Clarification: Batteries must be in trays as specified, 1400 CCA acceptable.
3. Page 94, Line 22: Request to waive FMVSS 221 Joint Strength Test due to unavailability. Request Denied.
33. Page 94, Item 29: Request to accept OEM driver's seat or Recaro LXS which is equal to or better than the OEM seat. Request Approved In Part. No cushion depth adjustment will be required. However, up and down adjustment for driver's seat is required for the Large Bus.
4. Page 94, Item 31: Request to accept emergency door decals with arrows and instructions in lieu of painted arrows. Request Accepted.
5. Page 95, Item 36: Request to accept Starcraft Startrans Fiberglass exterior construction. Request Approved.
6. Page 95, Line 36: Request to accept Goshen Coach Fiberglass skin construction. Request Denied. Insufficient evaluation data provided.
7. Page 95, Line 36: Request to approve fiberglass reinforced polyester (FRP) type panel construction. Request Approved.
8. Page 95, Line 36: Request to accept IC Fiberglass skin construction. Request Denied. Insufficient evaluation data provided.
9. Page 95, Line 36: Request to accept IC Steel skin construction. Request Denied.
10. Page 95, Item 37 & 38: Request to accept Supreme Startrans floor construction. Request Approved.
11. Page 95, Line 38: Request to accept IC floor construction meeting insulation requirement using galvanized steel under floor with outer steel impact rail, 5/8" plywood, sealed seams, heavy duty undercoating. Request Approved.

12. Page 95, Line 38: Request to accept Goshen Coach floor construction meeting insulation requirement using 5/8" plywood, sealed edges, seams filled & sanded smooth, heavy-duty undercoating. Request Approved.
13. Page 95, Line 38: Request to accept ElDorado floor construction. Request Approved.
14. Page 95, Item 38: Request to accept Coach and Equipment floor construction in lieu of aluminum strips and cove molding at wall. Request Approved.
15. Page 95, Line 40: "First step to be approximately 10 1/2" from the ground" is changed to read; "First step to be between 9 1/2" to 12" from the ground"
16. Page 95, Item 43: Request to accept Supreme Startrans construction as meeting insulation requirement. Request Approved.
17. Page 95, Line 43: Request for 1.5" Polly-Styrene insulation in walls and 1.25" expandable spray foam in roof and floor. Request Approved.
18. Page 95, Line 43: Request to accept ElDorado floor construction as meeting insulation requirements. Request Approved.
19. Page 95, Item 43: Request to accept Coach and Equipment construction of 3/4" plywood over a metal belly pan with styrene for an R7 insulation value. Request Approved.
20. Page 95, Item 46: Request to provide manually reset circuit breakers in lieu of specified automatic resetting circuit breakers. Request Denied. If a serious problem exists, breakers will discontinue to trip and driver will be aware of problem.
21. Page 96, Item 49: Request to accept OEM front insert turn signal lamps. Request Approved.
22. Page 96 Item 50: Request to provide integral convex mirror and Fords OEM mirrors, heated and remote and manually telescoping Request Approved as long as the mirror provides the required view and the convex portion does not reduce the flat reflective area of the mirror to less than 50 sq. in. Includes mirrors with flat and convex mirrors in same mirror head.
23. Page 96, Line 50: Request to accept 6" X 16" inside rear view mirror. Request Denied.
24. Page 96, Item 53: Request to accept Coach & Equipment vehicle rust proofing.  
Clarification: Rust proofing requires entire vehicle to provide 5-year, 100,000-mile rust-through warranty.
25. Page 96, Item 58: Request to accept Jensen JHD 1620, AM/FM/Weather Band radio that meets or exceeds Ford's OEM radio specifications. Request Approved.
26. Page 97, Line d: Request to accept 30" width for wheelchair securement areas. Request Denied.
27. Page 97, Line e: Wheelchair restraints testing requirements. Clarification: All providers that meet restraint specification meet testing requirements as well.
28. Page 98, Line f: Request that seat in stowed and locked position be permitted to protrude 12" from wall instead of specified 10". Request Approved.
29. Page 99, Item 65: Request to change inside door lock to outside door lock for lift door. Request Denied.
30. Clarification: Fold-away seat to be equipped with "retractable seat belts". These belts are to be two-point retractable on these seats, not the three-point belts required on permanent seats.

### **Line Item 18 & 19 Conventional Bus On A Cowl Chassis**

1. Page 104, Line 1: Request 520 gross lbs Torque. Request Approved
2. Page 104, Line 8: Request to provide 17,000 lb rear axle. Request Approved provided total GVRW does not fall below 27,000 lbs.
3. Page 104, Line 10: Request to provide rear spring suspension. Request Approved if and only if spring suspension meets or exceeds specification, which states: --Rear spring rating 9,500 lbs. minimum. Heavy-duty rear suspension fitted with a rubber shear spring suspension working in conjunction with the OEM chassis leaf spring suspension to match specified GAWR.

This added suspension, consisting of a spring carrier assembly, frame hanger assembly, cross-member tube assembly and carrier spring assembly, shall be installed in lieu of the original spring hanger and shackle assembly. The frame hanger must bolt into the existing OEM spring hanger holes in the frame. The modified suspension must not alter the OEM gross axle weight rating.\_\_\_\_

4. Page 104, Line 10: Request to provide rear air suspension. Request Denied
5. Page 105, Line 26: Request to provide interior head room of 76.25". Request Approved
6. Page 105, Line 32: No cushion depth adjustment will be required. However, up and down adjustment for driver's seat is required for the Large Bus.
7. Page 105, Line 33: Request air operated door control. Request Approved
8. Page 105, Line 37: Request removal of deletion of overhead handrails (Line Item 19 only). Request
9. Page 105, Item 38: Request to provide padded barriers to meet FMVSS 222 (school bus design) in lieu of specified padded stanchions. Request Approved.
10. Page 105, Item 39: Request to accept Coach and Equipment floor construction in lieu of aluminum strips and cove molding at wall. Request Approved.
11. Page 105, Line 40: Request to provide first step height of 14". Request Approved.
12. Page 105, Line 46: Request to accept floor construction of 5/8" plywood over galvanized steel and double undercoating as meeting insulation requirements. Request Approved.
13. Page 105, Line 46: Request to increase BTU in heater in lieu of 1/2 ridged foam in floor. Request Denied.
14. Page 105, Line 46: Request to accept Thomas floor construction (5/8" plywood over 15 ga. Galvalume steel with double undercoating) as meeting floor insulation requirement. Request Approved.
15. Page 105, Line 46: Request to accept Coach and Equipment construction of 3/4" plywood over a metal belly pan with styrene for an R7 insulation value. Request Approved.
16. Page 105, Line 49: Request to provide manually reset circuit breakers in lieu of specified automatic resetting circuit breakers. Request Denied. If a serious problem exists, breakers will discontinue to trip and driver will be aware of problem.
17. Page 106, Item 54: Request to provide integral convex mirror. Request Approved as long as the mirror provides the required view and the convex portion does not reduce the flat reflective area of the mirror to less than 50 sq. in. Includes mirrors with flat and convex mirrors in same mirror head.
18. Page 106, Item 56: Request to accept Coach & Equipment vehicle rust proofing. Clarification: Rust proofing requires entire vehicle to provide 5-year, 100,000-mile rust-through warranty.
19. Page 109, Item 71c: Request to accept fold-out seat protruding 12" from wall in lieu of specified 10". Request Approved.
20. Page 109, Item 71: Request to accept 30" width for wheelchair securement areas. Request Denied.
21. Page 109, Line 72: Request to provide single panel wheelchair entry door in lieu of specified two separate entry doors. Request Approved.
22. Page 110: Clarification for Line Item 19, Yellow School Bus Requirements, This specification shall govern except where it conflicts with school bus code.
23. Clarification: The estimated seating for the yellow school bus (Line Item 19) will be 28/2 (28 ambulatory and 2 wheel chair positions. Belt requirements mimic line item 18.

## **General Information**

1. On page 34 on the destination page line 6 diesel has the correct corresponding number of vehicles but should read line 7. Likewise line 7 gas has the correct corresponding number of vehicles but should read line 6.
2. Clarification: On page 11 of the Special conditions of bid document the term of coverage is from award date through January 31<sup>st</sup> 2011.
3. Official Sealed Bid page 2, Para. 16, Bidder Preference: is not applicable for this bid. Please refer to specification pages 2 –10.
4. Special Conditions of Bid, page 18 of 19: Application for Title for out-of-state vendors will be form MV1 in lieu of in-state form MV11.
5. Warranty, Page 14 of 20 and specification page 25; Request to accept OEM warranty. Clarification: OEM warranty is acceptable only if OEM warranty exceeds warranty requirements as specified within this bids specifications.
6. MBE language is not applicable to this bid.
7. Response Requirements page 14 of 22; Clarification requested as to the number of bid copies required to be submitted. Requirements shown on pages 14 & 15 only require one copy. Note: MBE Program Awareness & Action Plan is not applicable to this bid. It is preferred requirements from the specification portion of this bid are provided in duplicate. i.e., floor plans, Buy America, descriptive literature, weight distribution, ect.
8. Clarification: Requirements within this bid concerning the MBE program are not applicable to this procurement.
9. Altoona Test Report, Page 1 Para. 7. Request to waive Altoona Test Report that has been previously submitted in other year's bids. Request Denied. Clarification; Each bid is independent of another and not all vehicle bid items are the same from year to year. Confirmation of Altoona Bus Testing Requirements is required for this bid. At minimum, a certification of compliance (page 17) that Bus meets Altoona Bus Testing Requirements in lieu of complete test results will be acceptable for this bid. Copies of test results shall be provided upon request if not originally provided with bid. Complete Altoona Test Reports may be submitted on CD-ROM.
10. Buy America Certification bid requirements Page 13 and 14. Clarification: Only these certifications are required with bids. Further certifications will only be required from the apparent low bidders.
11. Clarification. Line item 6 and 7 require a seating plan with 1 wheel chair position and 7 ambulatory. This is to clarify a mistake on page 56 and 53 where this vehicle type was referred to line 5 and 6.
12. Clarification: Line Item 11-14 exterior light requirements are the same as in line item 10. Which states: Exterior lights: Head lights; 3 amber identification lights front; 3 red identification lights rear; front, rear and side directional signals; 2 stop lamps, 4" minimum; 2 tail lamps, 4" minimum; 2 back-up lamps, 4" minimum; 4 clearance lights, amber at front corners, red at rear corners; license plate lamp. All lights except headlights to be of LED type with a minimum of 5-year, 150,000 mile warranty.
13. Page 25, para. C, Request to accept wiring diagrams on CD-ROM. Request Approved.
14. Grab rail requirements. Clarification: Sloping grab rails in bus step wells (right side) must be sloped so as to parallel the steps. If it is not possible to slope the grab rails in this manner, a vertical grab rail/bar to the right of the step well is acceptable.
15. Diesel engines must be capable of operating in a manner that assures a minimum coolant temperature of 195 degrees F. Auxiliary coolant heaters may be necessary to reach this temperature on some models of chassis.

16. Clarification: Welded Seams requirement could be met via sealing from underneath or via welding seams from above.
17. Clarification: Fold-away seat to be equipped with “retractable seat belts”. These belts are to be two-point retractable on these seats, not the three-point belts required on permanent seats.

\* \* \* \* \* *End of Requests For Clarifications and Or Equals* \* \* \* \* \*